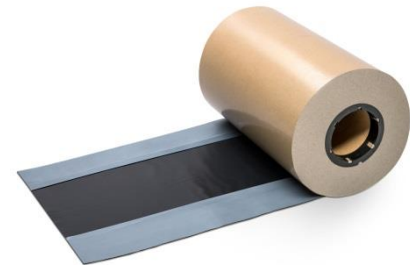


# Rasco SAM Corner Tape

Self-adhesive sealing and strengthening tape for use within the **Rasco SAM system** in accordance with DIN 18533, EN 13969 and DIN V 20000-202

300 mm wide self-adhesive, flexible, crack-bridging sealing tape made from polymer-modified bitumen, with a cross-laminated, tearproof HDPE-carrier film on one side. The 50 mm vulcanisation strips consist of pure bitumen compound. The purpose is to achieve better joints between the materials by sticking compound on to compound and so ensuring even better sealing.



**Rasco SAM Corner Tape** serves as sealing and strengthening tape for all corners, edges and hollow edges in the **Rasco SAM system**.

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.



## PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- As dampproof course below screed
- No drying time needed
- Polymerised bitumen on cross-laminated, tearproof HDPE carrier film
- Impervious to radon
- For strengthening of corners, edges and hollow edges within the **Rasco-SAM-System**
- Protective film is centrally perforated on the back, for easy use on corners and edges
- Two vulcanisation strips for strongest adhesion
- Frost-free at least 12 months shelf-life

## TECHNICAL DATA

Thickness	1.5 mm
Width	300 mm (200 mm + 2 x 50 mm vulc. strip)
Weight	1.5 kg/m <sup>2</sup>
Water vapour permeability	Sd-value 235 m
Resistance to hydrostatic pressure*	8 bar (80 m) passed
Working temperature**	-5°C to +30°C



\* Examination was carried out using a test unit from company "Form+Test Seidner" type "DP 3 MM". High pressure load testing was carried out over a period of 5 days. No connection to actual circumstances and requirements on the building site exists.

\*\* Temperature: component, installation and ambient temperature

## DELIVERY UNITS

15 m / carton | 3 rolls / carton | 15 cartons / pallet | pallet weight approx. 385 kg

## CE-MARKING

 0761	 <b>Rasco</b> <small>Bitumentchnik GmbH</small> Otto-von-Guericke-Ring 11 - 65205 Wiesbaden www.bitumentchnik.de
<b>13</b> <b>CPR-DE1/9011</b> <b>EN 13969:2004+A1:2006</b> <b>Rasco SAM Corner Tape</b> <i>Cold self-adhesive polymer bitumen membrane for waterproofing</i>	
Reaction to fire	Euro Class E
Water tightness	passed
Resistance to impact-proof	proof, method: A: ≤ 200 mm
Shear resistance of joints	npd
Flexibility at low temperature	≤ -30°C
Tensile strength:	
max. tensile force: MD/CD	240 ± 40 N / 50 mm
elongation: along	370 ± 100%
across	320 ± 80%
Resistance to static loading	Proof, method: B: ≤ 5 kg
Resistance to tearing	140 ± 40 N
Durability of water tightness after artificial aging	passed
Durability of water tightness against chemicals	passed
Dangerous substances	none

## GENERAL NOTES

In case of sealing or maintenance work the relevant standards and guidelines must be followed.

## SUBSTRATE PREPARATION

- Preparation of the substrate is always to be carried out in accordance with DIN 18533 part 2.
- The substrate must be sufficiently dry, level, stable, frost-protected, clean and without traces of oil, grease, tar, honeycombing, cracks, dust, dirt, residue mortar or other potential contaminants.
- Edges should be broken and inside joints rounded out with suitable material.
- **Rasco SAM Corner Tape** has to be protected with suitable material against water seepage between membrane and substrate where necessary.
- Mineral substrates have to be prepared using **Rasco SAM Primer Special** (approx. 0.20 l/m<sup>2</sup> - 0.30 l/m<sup>2</sup>) at temperatures of +5 °C to +30 °C or at temperatures of -5 °C to +30 °C using **Rasco SAM Primer** (approx. 0.20 l/m<sup>2</sup> - 0.30 l/m<sup>2</sup>) according to DIN 18533 part 2.
- Open butt joints up to 5 mm in size should be filled by means of a scratch coating using a **Rasco 2K bitumen thick coating**.
- Open butt joints or pits > 5 mm must be filled using a suitable mortar.

## APPLICATION

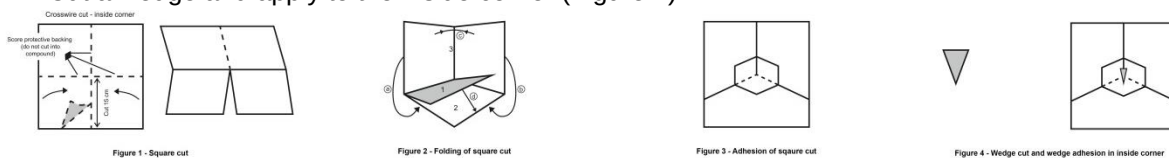
Cut **Rasco SAM Corner Tape** to the necessary length. Apply from bottom to top when applying vertically.

### Procedure:

- Inside and outside corners out of **Rasco SAM Corner Tape** are to be handled before application of **Rasco SAM Corner Tape** as described below.
- Remove approximately 30 cm of the protective backing on one half and apply the tape as vertically or horizontally as possible.
- Peel back the protective paper slowly and stick the membrane evenly and crease-free using a suitable brush or rag for example to press it onto the substrate. Work from the centre to the edges.
- Before going into or around corners, remove all protective backing and apply second half of the tape evenly and crease-free.
- Press the applied tape firmly onto the substrate, using a rubber roller for example.
- Remove protective backing on vulcanisation strips before application to another self-adhesive membrane.
- Apply further membranes by overlapping approximately 10 cm and roll over the joint area - especially the vulcanisation strips - using firm pressure.

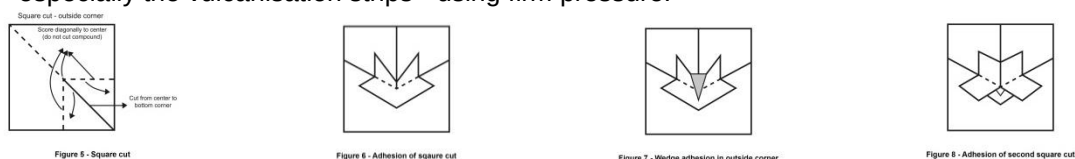
### Inside corner:

- Cut approximately 30 cm of **Rasco SAM Corner Tape** on a firm surface and score the protective backing crosswise with a sharp knife (Figure 1). Do not cut into the compound! · Fold the square (Figure 2) and push into corner. Ensure that the vulcanisation strips are to the sides and vertical.
- Remove the protective backing of two vertical squares and apply into the corner (Figure 3).
- Remove the protective film from the vulcanisation strips at the front.
- Remove the protective backing from the top remaining square and apply, after that remove the protective backing of the last square and apply on top of first square at the bottom.
- Press on firmly.
- Cut a wedge and apply to the inside corner (Figure 4).



### Outside corner:

- Cut approximately 30 cm of **Rasco SAM Corner Tape** on a firm surface and score the protective backing diagonally to the centre (do not cut into the bitumen compound), cut from centre to bottom corner through the protective backing and compound (Figure 5).
- Fold and push onto corner with protective backing (Figure 6). The outside vulcanisation strip should be vertical.
- Remove protective backing slowly and apply to corner (Figure 6).
- Press on firmly.
- Cut a wedge (see Figure 4) and apply to corner (Figure 7).
- Cut another square as explained in "Inside corner" (Figure 1) and apply using firm pressure (Figure 8) to the outside corner. Apply further membranes by overlapping approximately 10 cm and roll over the joint area - especially the vulcanisation strips - using firm pressure.



## SPECIAL NOTES

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- Optimum and complete adhesion to the substrate is achieved after approximately 24 hours.
- Use **Rasco SAM Compound Tape** for horizontal joints, pipe passageways and other details as adhesion enhancer.
- Waterproofing is to be protected in accordance with DIN 18533 part 1.
- Insulation and draining panels can be glued onto the membrane using **Rasco 2K bitumen thick coatings**.
- Protect **Rasco SAM Corner Tape** from intense heat, frost and moisture before and during application.
- Do not weigh down stored rolls.
- Please note the Declaration of Performance (accessible at <http://www.rasco-bitumen.com/>)

**Note:** The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the Rasco product installation. For the most up-to-date TDS and warranty information, please visit our website at [www.rasco-bitumen.com](http://www.rasco-bitumen.com). Any alterations to the wording or requirements contained in or derived from this TDS shall void all related Rasco warranties.

**Issue 03:** This document has been updated with respect to the release of the new waterproofing standard DIN 18533. When this version is updated it will lose its validity.